

Fig. 1

Thread 1	Thread 2
mov r1 = r2 $\text{ld r1 = [r2] } \sim 30$ $\text{br } < 1 \text{ (conditional) } \sim 28$ add r3 = r5 + r6 sub r5 = r2 + r5 ll mov	mov mov mov $\text{ld } \sim 32$ ld st

Fig. 2

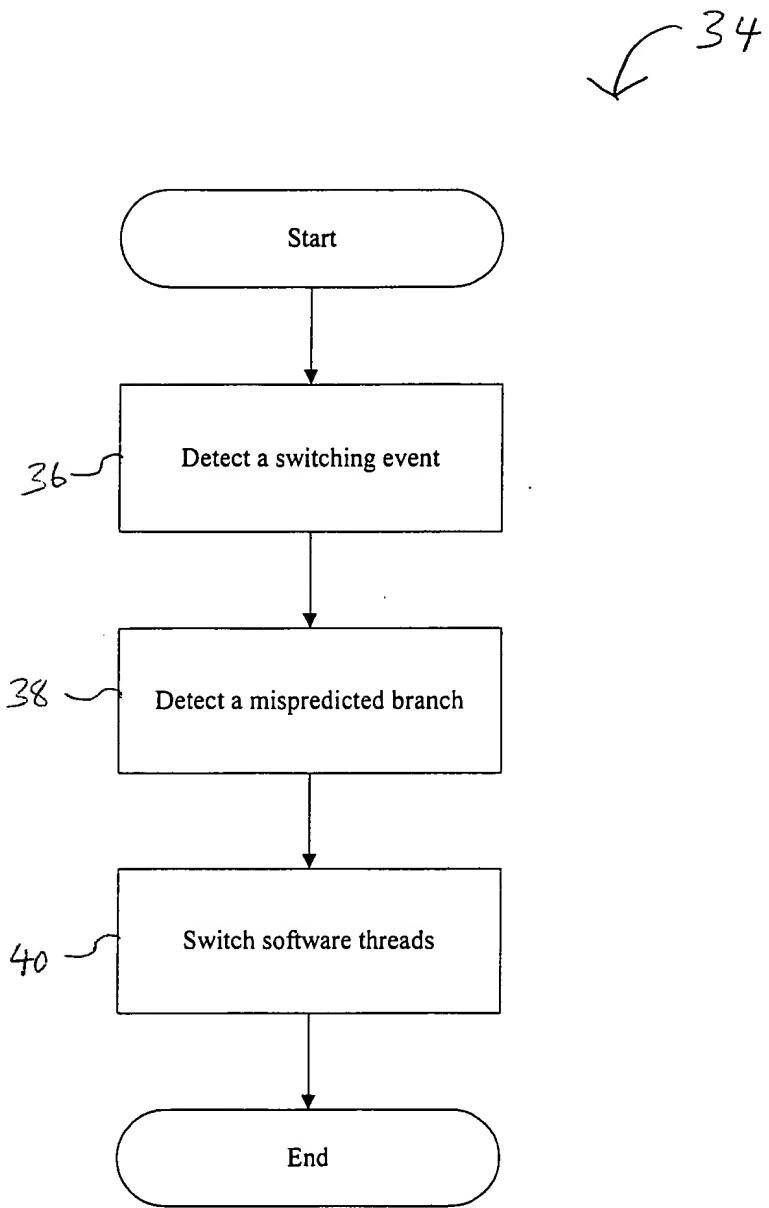


Fig. 3

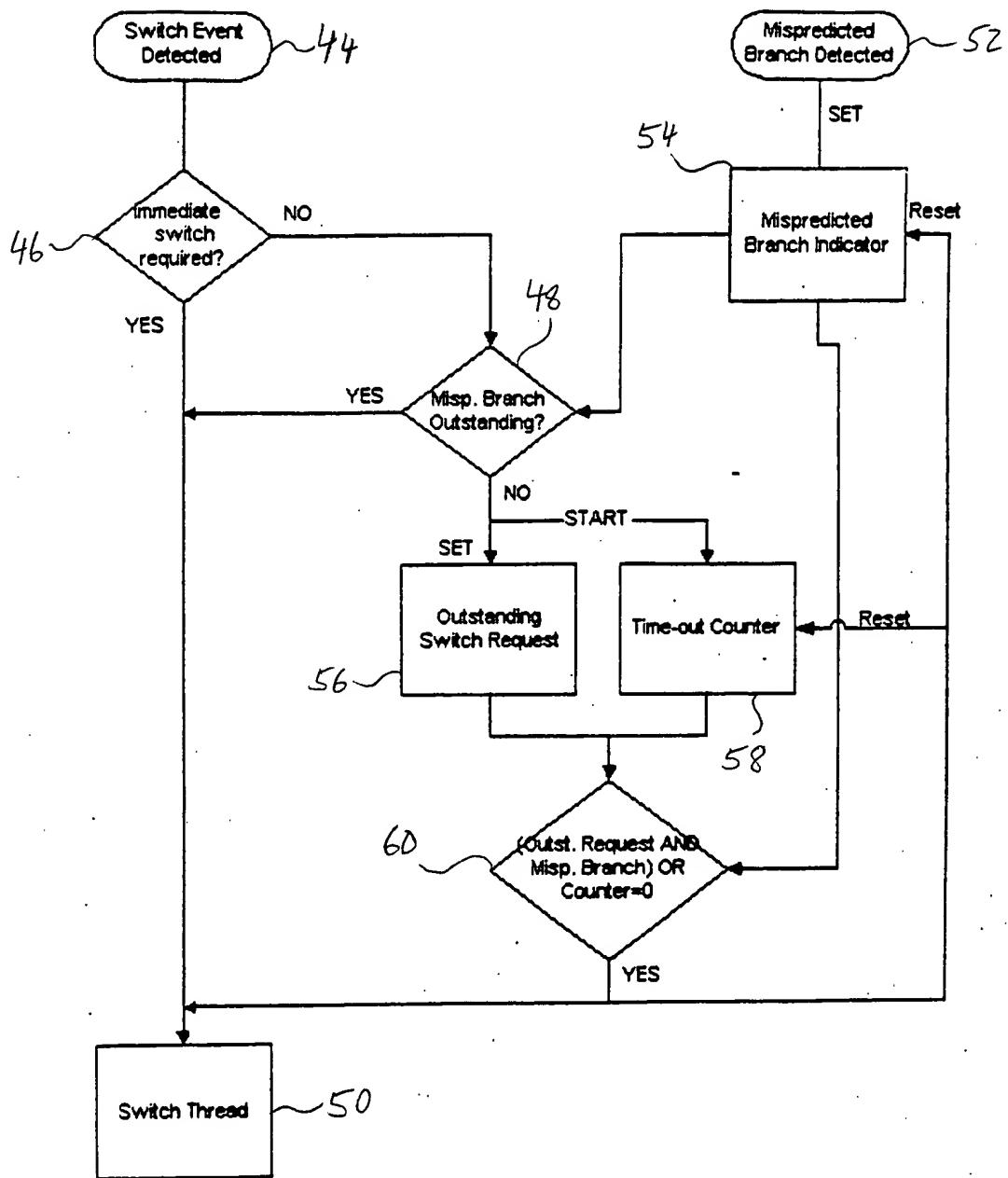


Fig. 4